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## UTILITY PATENT APPLICATION TRANSMITTAL

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Washington, D.C. 20231  
BOX PATENT APPLICATIONAttorney Docket No.: 010286  
Date: December 21, 2001  
Express Mail Label No.: EJ 8313 91895US  
Customer No.: 023696 Bar CodeLabel: \*23696\*  
23696

PATENT TRADEMARK OFFICE

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): CHARLES J PERSICO

For: GENERATING LOCAL OSCILLATOR SIGNALS FOR DOWNCONVERSION

Enclosed are:

1. ☒ Patent application (18) total pages.
2. ☒ Drawings: ☒ Formal (7) sheet(s) or ☐ Informal ( ) sheet(s)
3. ☒ Declaration/Power of Attorney: ☒ Signed ☐ Unsigned
4. ☒ An Assignment (1) pages and Recordation Form Cover Sheet.
5. ☐ A Preliminary Amendment ( ) pages.
6. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
7. ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	32 - 20	12	x \$18 =	\$216
Independent**	7 - 3	4	x \$84 =	\$336
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$
APPLICATION FILING FEE			\$740	\$740
			TOTAL FEE	\$1292

\*If the number in column a is less than 20, enter 0 in column b.

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8. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
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Date: December 21, 2001

Signature: \_\_\_\_\_

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
CHARLES J. PERSICO

For: GENERATING LOCAL  
OSCILLATOR SIGNALS FOR  
DOWNCONVERSION

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HEREWITH

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Commissioner of Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Dear Sir:

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231. Enclosed herewith are the following documents: TRANSMITTAL LETTER; CERTIFICATE OF MAILING UNDER 37CFR § 1.10; PATENT SPECIFICATION IN 18-PAGES, FORMAL DRAWINGS IN 7-PAGES COMBINED DECLARATION AND POWER OF ATTORNEY IN 1-PAGE; ASSIGNMENT in 1-PAGE; RECORDATION COVER SHEET IN 1-PAGE; and POSTCARD.

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